$$Z + \frac{1}{Z} = 2\cos\theta$$
$$Z - \frac{1}{Z} = j 2\sin\theta$$

$$Z = \cos\theta + i\sin\theta = e^{i\theta}$$
,

$$\frac{1}{z} = z^{-1} = \overline{e}^{i\theta} = \cos\theta - \hat{e}\sin\theta,$$

$$= \frac{1}{2} = \frac$$

$$=i2\sin\theta$$

Good!